

Carbon Block Water Filter Cartridges

CBN, CBL series

CBN series filter cartridges are depth filters made by extruding fine coal-based activated carbon and food-grade adhesive powder. They provide excellent adsorption while preventing carbon particle release, effectively removing residual chlorine, odors, and organic compounds from liquids or gases.

The CBL series uses premium coconut shell activated carbon with food-grade adhesive. It efficiently eliminates solid impurities, odors, residual chlorine, chloramines, and reduces heavy metals, improving water quality for both domestic and industrial use.

Features

- High adsorption capacity
- Low pressure drop and stable flow rate
- Effectively removes residual chlorine, odors, discoloration, and organic compounds
- Reduces heavy metal content in water
- High filter strength and structural integrity
- Non-polluting, ensuring safe use
- No carbon particle release

Applications

- Drinking water treatment
- Process water in food and beverage industries

Specifications

Codes

CBN: coal based activated carbon;
CBL: coconut shell activated carbon

Material of Construction

Filter media: coal based AC / coconut shell AC

Outer netting: polypropylene

End caps: polypropylene

Gaskets: EPDM

End Caps

DOE with gasket

Cartridge Diameter

Small: OD48.5 (ID16.5mm);

Standard: OD65 (ID30mm);

Large: OD70 (ID28mm);

Jumbo: OD115 (ID28mm)

Cartridge Length

9.75" (248mm)

9.87" (250mm)

10" (254mm)

20" (508mm)

30" (762mm)

40" (1016mm)

Micron Rating

CBN: 5, 10 µm;

CBL: 0.5, 1, 5, 10 µm

Efficiency

Nominal rated

Max. Operating Temp.

50°C (122°F)

Suggested Differential Pressure

Max dirty:

4 bar @ 25°C (58 PSIG @ 77°F)

**Depends on the respective application requirements.*



Ordering Information

Codes	Diameter	Micron	Length	Endcap
<p>CBN: coal based activated carbon CBL: coconut shell carbon</p>	<p>A: OD48.5 (ID16.5mm); S: OD65 (ID30mm); L: OD70 (ID28mm); J: OD115 (ID28mm);</p>	<p>CBN: 5, 10 µm; CBL: 0.5, 1, 5, 10 µm</p>	<p>975: 9.75" (248mm); 987: 9.87" (250mm); 10: 10" (254mm); 20: 20" (508mm); 30: 30" (762mm); 40: 40" (1016mm)</p>	<p>G: DOE with EPDM gasket</p>

Seadon Filtration

ISO 9001 Certified Manufacturer

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